

Department of Energy

US Department of Energy

Golden Field Office

Manufacturing Research and Development for Hydrogen and Fuel Cell Systems Grant

Current Closing Date for Applications: Oct 10, 2007 In order for the Hydrogen, Fuel Cells and Infrastructure Technologies Program to meet programmatic requirements.

Archive Date: May 03, 2008

Funding Instrument Type: Grant
Other
Cooperative Agreement

Category of Funding Activity: Energy

Category Explanation:

Expected Number of Awards: 15

Estimated Total Program Funding: \$38,000,000

Award Ceiling: \$4,000,000

Award Floor: \$0

CFDA Number: 81.087 -- Renewable Energy Research and Development

Cost Sharing or Matching Requirement: Yes

Eligible Applicants

Unrestricted

Description

This Funding Opportunity Announcement (FOA) concentrates on the major topics that need to be addressed through hydrogen and fuel cell systems manufacturing R D, focusing primarily on technologies that are near commercialization. Longer-term technologies under development by the DOE Hydrogen Program will be addressed in later manufacturing R D efforts. Near-term strategies that could result in high volume production and lower cost of fuel cell technologies and components need to be adopted to set the stage for a fully developed hydrogen infrastructure.□ Topic areas include: Topic 1 Alternative Electrode Deposition Processes Topic 2 Gas Diffusion Layer Fabrication Topic 3 Novel MEA Manufacturing Topic 4 Process Modeling for Fuel Cell Stacks Topic 5 Process and Device for Cost Effective Testing of Cell Stacks Topic 6 Manufacturing Technologies for High Pressure Composite Tanks Applications for this Funding Opportunity Announcement must be accessed, completed, and submitted through Grants.gov at <http://www.grants.gov> to be considered for award. Questions regarding the content of the announcement should be submitted through the □ Submit Question□ feature of the DOE Industry Interactive Procurement System (IIPS) at <http://e-center.doe.gov>. VERY IMPORTANT: To complete and submit applications through Grants.gov, there are several actions you must complete (e.g., obtain a Dun and Bradstreet Data Universal Numbering System (DUNS) number, register with the Central Contract Registry (CCR), install the Pure Edge Viewer, register with the credential provider, and register with Grants.gov). Applicants are highly encouraged to register as soon as possible and should allow at least 21 days to complete the registration process. When done, call the Grants.gov Helpdesk at 1-800-518-4726 to verify successful registration. Registration Instructions are found on the Grants.gov web site at

<http://www.grants.gov> and in the Funding Opportunity Announcement. Should you have questions regarding the operation of Grants.gov, please contact the Grants.gov Contact Center at support@grants.gov or 1-800-518-4726. Contact Center hours of operation are Monday - Friday from 7:00am to 9:00pm Eastern Standard Time.

Link to Full Announcement

[Click here to view the Opportunity –](#)

<https://ecenter.doe.gov/iips/faopor.nsf/UNID/4CC1C3F1822CF93A8525731D004E29DB?OpenDocument>

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14876>

US Department of Energy
National Energy Technology Laboratory
Renewable and Distributed Systems Integration Modification 12

Current Closing Date for Applications:	Aug 28, 2007
Funding Instrument Type:	Cooperative Agreement
Award Ceiling:	\$7,000,000
Award Floor:	\$0
CFDA Number:	81.122 -- Electricity Delivery and Energy Reliability, Research, Development and Analysis
Cost Sharing or Matching Requirement:	Yes

Eligible Applicants
Unrestricted:

Description

NOTE: This descriptive area provides an overview of this Program Area of Interest. YOU MUST READ THE FUNDING OPPORTUNITY MASTER ANNOUNCEMENT FOR DETAILS ON ADDITIONAL INFORMATION, EVALUATION CRITERIA AND HOW TO PREPARE AN APPLICATION UNDER A SPECIFIC AREA OF INTEREST. For Program Area of Interest 2, the FOA seeks applications for the research, development, and demonstration of distribution system configurations with the integration of significant amounts of distributed resources for providing power or load management during peak load periods and for other functions and services. Distributed resources may include distributed generation technologies, renewable energy generation technologies, energy storage technologies, equipment capable of utilizing waste heat, and load curtailed via typical demand response methods. Applications are encouraged to reach the goal of at least a 15 percent reduction of power that would otherwise normally be supplied by the distribution feeder circuits during peak load periods. Optionally, applications may also include research, development, and demonstration for low-cost sensors for distribution level cables, advanced monitoring for distribution automation, and consumer information gateway development. Prospective applicants are encouraged to assemble/coordinate an integrated team including an electric distribution utility or a load serving entity and other team members such as

technology product providers, technology developers (universities and research organizations), state agencies, etc.

Link to Full Announcement

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=13657>

US Department of Energy
Chicago Service Center
Advanced Detector Research Program Grant

Estimated Total Program Funding:	\$600,000
CFDA Number:	81.049 -- Office of Science Financial Assistance Program
Cost Sharing or Matching Requirement:	No

Eligible Applicants

Applications should be from investigators who are currently involved in experimental high energy physics, and should be submitted through a U.S. academic institution.

Description

The Office of High Energy Physics of the Office of Science (SC), U.S. Department of Energy, hereby announces its interest in receiving grant applications for support under its Advanced Detector Research Program. Applications should be from investigators who are currently involved in experimental high energy physics, and should be submitted through a U.S. academic institution. The purpose of this program is to support the development of the new detector technologies needed to perform future high energy physics experiments.

Link to Full Announcement

[Click here to view the Opportunity](https://e-center.doe.gov/iips/faopor.nsf/UNID/421416DF077899878525731E00505635?OpenDocument) - <https://e-center.doe.gov/iips/faopor.nsf/UNID/421416DF077899878525731E00505635?OpenDocument>
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=14902>